NJ DRAFT Toxics Data: Dioxin and Furan Updated: 2/19/03

Units: pg/g dry wet

Client Sample ID	9424		9425		9426		9427		
Sample Descriptor	Fish Tissue		Fish Tissue		Fish Tissue		Fish Tissue		
Location	Passaic River at Dundee		Passaic River at Dundee		Passaic River at [Dundee	Passaic River at Dundee		
	Dam		Dam		Dam		Dam		
Station	PRDL		PRDL		PRDL		PRDL		
Number	1		2		5		4		
Species	MISAL		MISAL		MISAL		MISAL		
Fisheries Anal #	F-2473		F-2474		F2475		F-2476		
% solid	22.4		21.5		19.0		22.8		
% Lipid	1.9		2.1		1.7		1.7		
Reporting Units	pg/g		pg/g		pg/g		pg/g		
Calculation Basis	Dry		Dry		Dry		Dry		
(dry/wet)									
Furan	Concentration	QUAL	Concentration	QUAL	Concentration	QUAL	Concentration	QUAL	
Compounds	Concentration	QUAL	Concentration	QUAL	Concentration	QUAL	Concentration	QUAL	
2,3,7,8-TCDF		ND		ND		ND		ND	
1,2,3,7,8-PeCDF	3.4	I		ND		ND		ND	
2,3,4,7,8-PeCDF	0.4	ND		ND		ND		ND	
1,2,3,4,7,8-HxCDF		ND		ND		ND		ND	
1,2,3,6,7,8-HxCDF		ND		ND		ND	0.7	L	
2,3,4,6,7,8-HxCDF		ND		ND		ND	· · ·	ND	
1,2,3,7,8,9-HxCDF		ND		ND		ND		ND	
1,2,3,6,7,8,-HpCDF		ND		ND		ND		ND	
1,2,3,4,7,8,9-HpCDF		ND		ND		ND		ND	
OCDF		ND	2.8	L		ND		ND	
Dioxin Compounds									
2,3,7,8-TCDD	1.6	L		ND		ND		ND	
1,2,3,7,8-PeCDD		ND	0.9	L		ND		ND	
1,2,3,4,7,8-HxCDD		ND		ND		ND		ND	
1,2,3,6,7,8-HxCDD		ND		ND		ND		ND	
1,2,3,7,8,9-HxCDD		ND		ND		ND		ND	
1,2,3,4,6,7,8-HpCDD	1.7	L		ND		ND	1.2	L	
OCDD		ND		ND		ND	3.4	L	

Client Sample ID	9428		9429		9430		9431		9432		
Sample Descriptor	Fish Tissue		Fish Tissue		Fish Tissue		Fish Tissue		Fish Tissue		
Location	Passaic River	at	Passaic River at								
	Dundee Dam		Dundee Dam		Dundee Dam		Dundee Dam		Dundee Dam		
Station	PRDL		PRDL		PRDL		PRDL		PRDL		
Number	3		2		3		4		5		
Species	MISAL		CYCAR		CYCAR		CYCAR		CYCAR		
Fisheries Anal #	F-2477		F-2478		F-2479		F-2480		F-2481		
% solid	22.7		15.0		22.1		26.2		26.5		
% Lipid	2.4		19.0		9.8		24.2		19.9		
Reporting Units	pg/g		pg/g		pg/g		pg/g		pg/g		
Calculation Basis (dry/wet)	Dry		Dry		Dry		Dry		Dry		
Furan Compounds	Concentration	QUAL	Concentration	QUAL	Concentration	QUAL	Concentration	QUAL	Concentration	QUAL	
2,3,7,8-TCDF	1.4	1		ND		ND		ND		ND	
1,2,3,7,8-PeCDF	17	ND		ND		ND		ND		ND	
2,3,4,7,8-PeCDF		ND		ND		ND		ND		ND	
1,2,3,4,7,8-HxCDF		ND		ND		ND		ND		ND	
1,2,3,6,7,8-HxCDF		ND		ND		ND		ND		ND	
2,3,4,6,7,8-HxCDF		ND		ND		ND		ND		ND	
1,2,3,7,8,9-HxCDF		ND		ND		ND		ND		ND	
1,2,3,6,7,8,-HpCDF		ND	1.5	L		ND		ND		ND	
1,2,3,4,7,8,9-HpCDF		ND		ND		ND		ND		ND	
OCDF		ND		ND		ND					
Dioxin Compounds											
2,3,7,8-TCDD		ND		ND		ND		ND		ND	
1,2,3,7,8-PeCDD		ND		ND		ND		ND		ND	
1,2,3,4,7,8-HxCDD		ND		ND		ND		ND		ND	
1,2,3,6,7,8-HxCDD		ND		ND		ND		ND		ND	
1,2,3,7,8,9-HxCDD		ND		ND		ND		ND		ND	
1,2,3,4,6,7,8-HpCDD		ND	6.8	L		ND	9.7	L	4.6	L	
OCDD		ND	16.3	L	15.0	L	13.5	L	13.3	L	

Client Sample ID	9433 9434		9435		9436		9437			
Sample Descriptor	Fish Tissue		Fish Tissue		Fish Tissue		Fish Tissue		Fish Tissue	
Location			Passaic River a Dundee Dam	Passaic River at Dundee Dam		Passaic River at Dundee Dam		t	er at Dundee Dam	
Station	PRDL		PRDL		PRDL		PRDL		PRDL	
Number	4		1		1		2		3	
Species	ANROS		CYCAR		ANROS		ANROS		ANROS	
Fisheries Anal #	F-2482		F-2483		F-2484		F-2485		F-2486	
% solid	29.5		25.7		30.8		23.8		22.1	
% Lipid	32.8		20.7		43.6		18.9		11.3	
Reporting Units	pg/g		pg/g		pg/g		pg/g		pg/g	
Calculation Basis (dry/wet)	Dry	1	Dry	T	Dry		Dry		Dry	
Furan Compounds	Concentration	QUAL	Concentration	QUAL	Concentration	QUAL	Concentration	QUAL	Concentration	QUAL
2,3,7,8-TCDF		ND		ND		ND	1.5	L		ND
1,2,3,7,8-PeCDF		ND		ND		ND		ND		ND
2,3,4,7,8-PeCDF		ND		ND	3.0	L		ND		ND
1,2,3,4,7,8-HxCDF		ND		ND		ND		ND		ND
1,2,3,6,7,8-HxCDF		ND		ND		ND		ND		ND
2,3,4,6,7,8-HxCDF		ND		ND		ND		ND		ND
1,2,3,7,8,9-HxCDF		ND		ND		ND		ND		ND
1,2,3,6,7,8,-HpCDF		ND		ND		ND		ND		ND
1,2,3,4,7,8,9-HpCDF		ND		ND		ND		ND		ND
OCDF								ND		ND
Dioxin Compounds										
2,3,7,8-TCDD		ND		ND		ND		ND		ND
1,2,3,7,8-PeCDD		ND		ND		ND		ND		ND
1,2,3,4,7,8-HxCDD		ND		ND		ND		ND		ND
1,2,3,6,7,8-HxCDD		ND		ND		ND		ND		ND
1,2,3,7,8,9-HxCDD		ND		ND		ND		ND		ND
1,2,3,4,6,7,8-HpCDD		ND		ND		ND		ND		ND
OCDD	9.2	L		ND		ND		ND		ND

NJ DRAFT Toxics Data: Dioxin and Furan Updated: 2/19/03

Units: pg/g dry wet

Client Sample ID	9438		9447		9448		9449		
Sample Descriptor	Fish Tissue		Fish Tissue		Fish Tissue		Fish Tissue		
Location	Passaic River at	t Dundee Dam	Passaic River at	Garfield	Passaic River at	Garfield	Passaic River a	t Garfield	
Station	PRDL		PRG		PRG		PRG		
Number	5		1		3		2		
Species	ANROS		MOSAX		MOSAX		MOSAX		
Fisheries Anal #	F2487		F-2488		F-2489		F-2490		
% solid	30.5		26.2		21.6		21.7		
% Lipid	31.6		7.8		2.4		2.8		
Reporting Units	pg/g		pg/g		pg/g		pg/g		
Calculation Basis (dry/wet)	Dry	1	Dry	1	Dry	1	Dry	1	
Furan Compounds	Concentration	QUAL	Concentration	QUAL	Concentration	QUAL	Concentration	QUAL	
2,3,7,8-TCDF		ND		ND		ND	16.9	-,-	
1,2,3,7,8-PeCDF		ND		ND		ND		ND	
2,3,4,7,8-PeCDF		ND		ND		ND		ND	
1,2,3,4,7,8-HxCDF		ND		ND		ND		ND	
1,2,3,6,7,8-HxCDF		ND		ND		ND		ND	
2,3,4,6,7,8-HxCDF		ND		ND		ND		ND	
1,2,3,7,8,9-HxCDF		ND		ND		ND		ND	
1,2,3,6,7,8,-HpCDF		ND		ND		ND		ND	
1,2,3,4,7,8,9-HpCDF		ND		ND		ND		ND	
OCDF		ND		ND		ND		ND	
Dioxin Compounds									
2,3,7,8-TCDD		ND		ND		ND	48.1		
1,2,3,7,8-PeCDD		ND		ND		ND		ND	
1,2,3,4,7,8-HxCDD		ND		ND		ND		ND	
1,2,3,6,7,8-HxCDD		ND		ND		ND		ND	
1,2,3,7,8,9-HxCDD		ND		ND		ND		ND	
1,2,3,4,6,7,8-HpCDD		ND		ND		ND		ND	
OCDD		ND	3.1	L		ND		ND	

Client Sample ID	9450		9451		9452		9453		9454		9455	
Sample Descriptor	Fish Tissue		Fish Tissue		Fish Tissue		Fish Tissue		Fish Tissue		Fish Tissue	
Location	Passaic River a Garfield	at	Passaic River at Garfield		Passaic River at Garfield		Passaic River at Garfield		Passaic River at Garfield		Passaic River at Garfield	
Station	PRG		PRG		PRG		PRG		PRG		PRG	
Number	4		2		1		3		3		1	
Species	MOSAX		ICPUN		ICPUN		CACOM		CYCAR		CACOM	
Fisheries Anal #	F-2491		F-2492		F2493		F-2494		F-2495		F-2496	
% solid	19.9		22.6		21.8		19.8		22.5		15.0	
% Lipid	4.6		12.7		16.0		5.6		10.1		9.4	
Reporting Units	pg/g		pg/g		pg/g		pg/g		pg/g		pg/g	
Calculation Basis	Dry		Dry		Dry		Dry		Dry		Dry	
(dry/wet)												
Furan Compounds	Concentration	QUAL	Concentration	QUAL	Concentration	QUAL	Concentration	QUAL	Concentration	QUAL	Concentration	QUAL
2,3,7,8- TCDF	7.5	ND		ND		ND		ND		ND		ND
1,2,3,7,8- PeCDF		ND		ND	14.5	L		ND		ND		ND
2,3,4,7,8- PeCDF		ND		ND		ND		ND		ND		ND
1,2,3,4,7,8-		ND		ND		ND		ND		ND		ND
HxCDF 1,2,3,6,7,8-		ND		ND		ND		ND		ND		ND
HxCDF 2,3,4,6,7,8-		ND		ND		ND		ND		ND		ND
HxCDF 1,2,3,7,8,9-		ND		ND		ND		ND		ND		ND
HxCDF 1,2,3,6,7,8,-		ND		ND		ND		ND		ND		ND
HpCDF 1,2,3,4,7,8,9-		ND		ND		ND		ND		ND		ND
HpCDF OCDF		ND	1.1	L		ND		ND		ND		ND
OCDI		ND	1.1	<u> </u>		ND		ND		ND		IND
Dioxin Compounds												
2,3,7,8- TCDD	93.2			ND		ND		ND		ND		ND
1,2,3,7,8-		ND		ND		ND		ND		ND		ND
PeCDD 1,2,3,4,7,8-		ND	1.4	L		ND		ND		ND		ND
HxCDD 1,2,3,6,7,8-		ND		ND		ND		ND		ND		ND
HxCDD 1,2,3,7,8,9-		ND		ND		ND		ND		ND		ND
HxCDD 1,2,3,4,6,7,8-		ND		ND		ND		ND		ND		ND
HpCDD OCDD		ND		ND	8.8	1	3.1	L		ND		ND
OCDD		טאו		טאו	0.0	L	J. I	L		טאו		ואט

Client Sample ID	9456		9457		9458		9459	
Sample Descriptor	Fish Tissue		Fish Tissue	Fish Tissue			Fish Tissue	
Location	Passaic River at Garfield		Passaic River at 0	Passaic River at Garfield		at Garfield	Passaic River at Garfield	
Station	PRG		PRG		PRG		PRG	
Number	2		1		2		3	
Species	CYCAR		CYCAR		ANROS		ANROS	
Fisheries Anal #	F-2497		F-2498		F-2499		F-2500	
% solid	23.6		22.8		22.0		20.4	
% Lipid	17.6		15.9		5.5		5.2	
Reporting Units	pg/g		pg/g		pg/g		pg/g	
Calculation Basis (dry/wet)	Dry		Dry		Dry		Dry	
Furan Compounds	Concentration	QUAL	Concentration	QUAL	Concentration	QUAL	Concentration	QUAL
2,3,7,8-TCDF		ND						
1,2,3,7,8-PeCDF		ND		ND		ND		ND
2,3,4,7,8-PeCDF		ND		ND		ND		ND
1,2,3,4,7,8-HxCDF		ND		ND		ND		ND
1,2,3,6,7,8-HxCDF		ND		ND		ND		ND
2,3,4,6,7,8-HxCDF		ND		ND		ND		ND
1,2,3,7,8,9-HxCDF		ND		ND		ND		ND
1,2,3,6,7,8,-HpCDF		ND		ND		ND		ND
1,2,3,4,7,8,9-HpCDF		ND		ND		ND		ND
OCDF		ND		ND		ND		ND
Dioxin Compounds								
2,3,7,8-TCDD	20.9							
1,2,3,7,8-PeCDD		ND		ND		ND		ND
1,2,3,4,7,8-HxCDD		ND		ND		ND		ND
1,2,3,6,7,8-HxCDD		ND		ND		ND		ND
1,2,3,7,8,9-HxCDD		ND		ND		ND		ND
1,2,3,4,6,7,8-HpCDD		ND		ND		ND		ND
OCDD	3.1	L		ND		ND		ND
				ND		ND		ND
								•

Client Sample ID	9460		9461				
Sample Descriptor	Fish Tissue		Fish Tissue				
Location	Passaic River at	Garfield	Passaic River at Garfield				
Station	PRG		PRG				
Number	1		2				
Species	ANROS		CACOM				
Fisheries Anal #	F-2501		F-2502				
% solid	24.1		20.3				
% Lipid	18.7		6.0				
Reporting Units	pg/g		pg/g				
Calculation Basis (dry/wet)	Dry		Dry				
Furan Compounds	Concentration	QUAL	Concentration	QUAL			
2,3,7,8-TCDF		ļ					
1,2,3,7,8-PeCDF		ND					
2,3,4,7,8-PeCDF		ND					
1,2,3,4,7,8-HxCDF		ND					
1,2,3,6,7,8-HxCDF		ND					
2,3,4,6,7,8-HxCDF		ND					
1,2,3,7,8,9-HxCDF		ND					
1,2,3,6,7,8,-HpCDF		ND					
1,2,3,4,7,8,9-HpCDF		ND					
OCDF		ND					
Dioxin Compounds							
2,3,7,8-TCDD							
1,2,3,7,8-PeCDD		ND		ND			
1,2,3,4,7,8-HxCDD		ND		ND			
1,2,3,6,7,8-HxCDD		ND		ND			
1,2,3,7,8,9-HxCDD		ND		ND			
1,2,3,4,6,7,8-HpCDD		ND		ND			
OCDD		ND		ND			
		ND		ND			